NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/AMG/2022-23

Date: 20-11-2022

To,
The Executive Engineer,
Yelahanka Division,
Bangalore.

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work:Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO - 05)

Item No	Description of work	Unit	Qty	Remarks
2	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal	Cum	49.30	Work done upto the Billed Quantity and the Quality is Satisfactory
3	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per	Cum	7205.97	Work done upto the Billed Quantity and the Quality is Satisfactory
4	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine	Cum	1130.21	Work done upto the Billed Quantity and the Quality is Satisfactory
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m	Cum	1958.08	Work done upto the Billed Quantity and the Quality is Satisfactory
6	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200 (PWD SR	tonne	118.70	Work done upto the Billed Quantity and the Quality is Satisfactory
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick made of M25 with OPC cement @ 340kgs per Cum with 20 mm and Down size graded granite metal coarse	Sqm	5025.35	Work done upto the Billed Quantity and the Quality is Satisfactory
8	Providing B S slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. as directed by the Engineer in	Sqm	162.03	Work done upto the Billed Quantity and the Quality is Satisfactory
9	Providing Machine Cutting edges to B S slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) inclusive of all Taxes complete. as directed by the Engineer in	M	166.70	Work done upto the Billed Quantity and the Quality is Satisfactory
11	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (SR, 2021-22 Vol-2, Sl No 5.4, , P No: 09)	Cum	101.39	Work done upto the Billed Quantity and the Quality is Satisfactory
12	Providing Flush/ Ruled pointing: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as	Cum	101.81	Work done upto the Billed Quantity and the Quality is Satisfactory

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Item No	Description of work	Unit	Qty	Remarks
13	Providing and Fixing pre cast covering Slab 230mm thick made out of CC 1:1.5:3 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll	Sqm	177.30	Work done upto the Billed Quantity and the Quality is Satisfactory
14	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m	Cum	91.40	Work done upto the Billed Quantity and the Quality is Satisfactory
15	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with	Nos	8555.33	Work done upto the Billed Quantity and the Quality is Satisfactory
17	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum	Cum	640.18	Work done upto the Billed Quantity and the Quality is Satisfactory
19	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriageof mixed Material to work site, spreading in uniform layers with	Cum	31.48	Work done upto the Billed Quantity and the Quality is Satisfactory
26	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (PWD SR 2021-22 Vol-III Page No.3, Item No.1.4A)	0.00	9226.70	Work done upto the Billed Quantity and the Quality is Satisfactory
28	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25	Cum	31.48	Work done upto the Billed Quantity and the Quality is Satisfactory
29	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2	Cum	31.48	Work done upto the Billed Quantity and the Quality is Satisfactory
30	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved	Sqm	171.00	Work done upto the Billed Quantity and the Quality is Satisfactory
60	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine	Cum	7.25	Work done upto the Billed Quantity and the Quality is Satisfactory
61	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse	Cum	7.25	Work done upto the Billed Quantity and the Quality is Satisfactory
90	Earth work excavation for Foundation by mechanical means for all works & depth upto 1.5 m, as per drawing and technical specifications, including setting out, shoring, strutting,	Cum	185.23	Work done upto the Billed Quantity and the Quality is Satisfactory
92	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm and down size graded crushed coarse aggregates for all Foundation works. The	Cum	26.21	Work done upto the Billed Quantity and the Quality is Satisfactory
93	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The	Cum	9.23	Work done upto the Billed Quantity and the Quality is Satisfactory
94	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m	Cum	4.32	Work done upto the Billed Quantity and the Quality is Satisfactory

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Item No	Description of work	Unit	Qty	Remarks
95	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m	Cum	24.13	Work done upto the Billed Quantity and the Quality is Satisfactory
96	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m	Cum	4.36	Work done upto the Billed Quantity and the Quality is Satisfactory
97	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m	Cum	23.94	Work done upto the Billed Quantity and the Quality is Satisfactory
98	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m	Cum	0.71	Work done upto the Billed Quantity and the Quality is Satisfactory
99	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m	Cum	1.05	Work done upto the Billed Quantity and the Quality is Satisfactory
100	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2	Sqm	154.19	Work done upto the Billed Quantity and the Quality is Satisfactory
101	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2	Sqm	123.31	Work done upto the Billed Quantity and the Quality is Satisfactory
102	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2	Sqm	71.90	Work done upto the Billed Quantity and the Quality is Satisfactory
103	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering,	Sqm	91.02	Work done upto the Billed Quantity and the Quality is Satisfactory
104	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering,	Sqm	86.51	Work done upto the Billed Quantity and the Quality is Satisfactory
105	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and	Sqm	298.36	Work done upto the Billed Quantity and the Quality is Satisfactory
106	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and	Sqm	300.01	Work done upto the Billed Quantity and the Quality is Satisfactory
107	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and	Sqm	18.06	Work done upto the Billed Quantity and the Quality is Satisfactory
108	Providing 20 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/stone masonry including rounding off corners	Sqm	125.85	Work done upto the Billed Quantity and the Quality is Satisfactory
109	Providing 20 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/stone masonry including rounding off corners	Sqm	129.63	Work done upto the Billed Quantity and the Quality is Satisfactory

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Item No	Description of work	Unit	Qty	Remarks
110	Providing 20 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/stone masonry including rounding off corners	Sqm	125.73	Work done upto the Billed Quantity and the Quality is Satisfactory
111	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth	Sqm	220.99	Work done upto the Billed Quantity and the Quality is Satisfactory
112	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth	Sqm	245.43	Work done upto the Billed Quantity and the Quality is Satisfactory
113	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth	Sqm	18.06	Work done upto the Billed Quantity and the Quality is Satisfactory
114	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with	Sqm	340.15	Work done upto the Billed Quantity and the Quality is Satisfactory
115	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with	Sqm	300.01	Work done upto the Billed Quantity and the Quality is Satisfactory
116	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with	Sqm	18.06	Work done upto the Billed Quantity and the Quality is Satisfactory
117	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two coats applied @ 1.43 ltr/10 m^2 over and including priming coat of	Sqm	138.44	Work done upto the Billed Quantity and the Quality is Satisfactory
118	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two coats applied @ 1.43 ltr/10 m^2 over and including priming coat of	Sqm	142.59	Work done upto the Billed Quantity and the Quality is Satisfactory
119	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two coats applied @ 1.43 ltr/10 m^2 over and including priming coat of	Sqm	125.73	Work done upto the Billed Quantity and the Quality is Satisfactory
120	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with	Sqm	69.31	Work done upto the Billed Quantity and the Quality is Satisfactory
121	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with	Sqm	69.71	Work done upto the Billed Quantity and the Quality is Satisfactory
123	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete	Sqm	14.51	Work done upto the Billed Quantity and the Quality is Satisfactory
124	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete	Sqm	10.88	Work done upto the Billed Quantity and the Quality is Satisfactory
	Providing and laying Ceramic glazed floor tiles of size 300x300 [illegible] to be specified by the manufacturer), of 1st [illegible] conforming to IS : 15622, of approved make, in all	Sqm	30.85	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
128	Providing skirting, dadooing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface	Sqm	64.49	Work done upto the Billed Quantity and the Quality is Satisfactory
129	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of	Sqm	8.16	Work done upto the Billed Quantity and the Quality is Satisfactory
130	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of	Sqm	87.78	Work done upto the Billed Quantity and the Quality is Satisfactory
131	KSRB10-3 :Providing and laying integral cement based water proofing treatment including preparation of surfa ce as required for treatment of roofs, balconies, terrace s etc., consisting of	Sqm	76.70	Work done upto the Billed Quantity and the Quality is Satisfactory
132	Providing Mathi / Nandi wood wrought and putup for purlins, common rafters and similar work including cost of materials, labour, usage charges complete as per specifications. (Item No	Cum	0.66	Work done upto the Billed Quantity and the Quality is Satisfactory
133	Providing Mathi / Nandi wood wrought and putup for purlins, common rafters and similar work including cost of materials, labour, usage charges complete as per specifications. (Item No	Sqm	0.45	Work done upto the Billed Quantity and the Quality is Satisfactory
134	Providing and fixing 30 mm thick both side commercial flush door shutter made out of solid core block board type, well seasoned , chemicaly treated hard wood battens and internal	Sqm	4.41	Work done upto the Billed Quantity and the Quality is Satisfactory
135	Providing and fixing 30 mm thick both side commercial flush door shutter made out of solid core block board type, well seasoned , chemicaly treated hard wood battens and internal	Sqm	4.41	Work done upto the Billed Quantity and the Quality is Satisfactory
136	UPVC WINDOWS Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at	Sqm	10.08	Work done upto the Billed Quantity and the Quality is Satisfactory
137	UPVC WINDOWS Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at	Sqm	12.42	Work done upto the Billed Quantity and the Quality is Satisfactory
138	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x	Sqm	4.32	Work done upto the Billed Quantity and the Quality is Satisfactory
140	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to	Kgs	252.00	Work done upto the Billed Quantity and the Quality is Satisfactory
141	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to	Kgs	310.50	Work done upto the Billed Quantity and the Quality is Satisfactory
142	Providing and fixing M.S.Grill over existing compound wall as per, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S.	Sqm	14.87	Work done upto the Billed Quantity and the Quality is Satisfactory
143	Providing and fixing M.S.Grill over existing compound wall as per, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S.	Sqm	14.87	Work done upto the Billed Quantity and the Quality is Satisfactory

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Item No	Description of work	Unit	Qty	Remarks
144	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and	KGS	78.00	Work done upto the Billed Quantity and the Quality is Satisfactory
145	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and	KG	78.00	Work done upto the Billed Quantity and the Quality is Satisfactory
146	Providing and laying water proofing treatment to the Water tanks & Liquid Retaining structures with two component acrylic polymer modi fied cementitious waterproofing membrane with	Sqm	34.63	Work done upto the Billed Quantity and the Quality is Satisfactory
147	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and	KG	6635.93	Work done upto the Billed Quantity and the Quality is Satisfactory
148	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and	KG	4341.46	Work done upto the Billed Quantity and the Quality is Satisfactory
149	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and	KG	242.92	Work done upto the Billed Quantity and the Quality is Satisfactory
150	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings &	Nos	2.00	Work done upto the Billed Quantity and the Quality is Satisfactory
151	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe,	Nos	3.00	Work done upto the Billed Quantity and the Quality is Satisfactory
152	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making	Nos	3.00	Work done upto the Billed Quantity and the Quality is Satisfactory
153	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 40 mm dia semi rigid (Item No 14.28.1.2, Page no 128 of PWD SR 2021-22)	Nos	3.00	Work done upto the Billed Quantity and the Quality is Satisfactory
154	Providing and fixing PTMT towel rail 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 g. complete with brackets fixed	Nos	3.00	Work done upto the Billed Quantity and the Quality is Satisfactory
155	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials,	Nos	3.00	Work done upto the Billed Quantity and the Quality is Satisfactory
156	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines	Nos	110.00	Work done upto the Billed Quantity and the Quality is Satisfactory
157	Providing and fixing Chlorinated Poly Venyl Chloride (CPVC) 25 pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass	Mtr	25.00	Work done upto the Billed Quantity and the Quality is Satisfactory
158	Providing and fixing Chlorinated Poly Venyl Chloride (CPVC) 25 pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass	Mtr	30.00	Work done upto the Billed Quantity and the Quality is Satisfactory

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Item No	Description of work	Unit	Qty	Remarks
159	Providing and fixing Chlorinated Poly Venyl Chloride (CPVC) 25 pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass	Mtr	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
160	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) 20 pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass	Mtr	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
161	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50	Nos	4.00	Work done upto the Billed Quantity and the Quality is Satisfactory
162	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow	Nos	1.00	Work done upto the Billed Quantity and the Quality is Satisfactory
163	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per	Nos	6.00	Work done upto the Billed Quantity and the Quality is Satisfactory
164	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per	Nos	4.00	Work done upto the Billed Quantity and the Quality is Satisfactory
165	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all	Nos	4.00	Work done upto the Billed Quantity and the Quality is Satisfactory
166	Providing and fixing CUBICLE WORKSTATIONS consisting of wings made out of 75 mm thick MS CRCA powder coated,tile based system for main and return spine, Top tile finish 8 mm thick	Nos	2.00	Work done upto the Billed Quantity and the Quality is Satisfactory
167	FREE STANDING TABLE FOR CABIN - WITHOUT FRAMES Providing and fixing Free Standing Table for Cabin- without frames consisting of 25 mm thick PLPB table top, 25 mm thick	Nos	2.00	Work done upto the Billed Quantity and the Quality is Satisfactory
168	Providing and fixing M.S.Grill over existing compound wall as per, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S.	Sqm	42.85	Work done upto the Billed Quantity and the Quality is Satisfactory
169	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with	Sqm	45.40	Work done upto the Billed Quantity and the Quality is Satisfactory
170	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with	Sqm	29.34	Work done upto the Billed Quantity and the Quality is Satisfactory
172	CONCEALED CONDUIT SYSTEM: Supplying mm dia 2mm 2.5mm thick heavy gauge PVC Conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running	M	150.00	Work done upto the Billed Quantity and the Quality is Satisfactory
173	CONCEALED CONDUIT SYSTEM: Supplying mm dia 2mm 2.5mm thick heavy gauge PVC Conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running	M	50.00	Work done upto the Billed Quantity and the Quality is Satisfactory
174	Open Conduit System - supplying heavy gauge PVC conduit pipe dia mm thick comfirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted	M	40.00	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
175	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by	M	80.00	Work done upto the Billed Quantity and the Quality is Satisfactory
176	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by	M	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
177	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge 19/20mm deep junction box	Nos	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
178	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge 25 mm deep junction box	Nos	15.00	Work done upto the Billed Quantity and the Quality is Satisfactory
179	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge 32mm deep junction box	Nos	10.00	Work done upto the Billed Quantity and the Quality is Satisfactory
180	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.complete as	Nos	5.00	Work done upto the Billed Quantity and the Quality is Satisfactory
181	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.complete as	Nos	5.00	Work done upto the Billed Quantity and the Quality is Satisfactory
182	Extra for groove cutting in brick wall /CC floor' to the suitable depth for con cealing of conduit/GI pipe and plastering,finishing upto wall surface complete. complete as per specifications and	Nos	150.00	Work done upto the Billed Quantity and the Quality is Satisfactory
183	Suplplying and fixing "S" Hook made out of 14mm dia M.S. rod complete as per specifications and directions of the Engineer in charge	Nos	5.00	Work done upto the Billed Quantity and the Quality is Satisfactory
184	Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire)	Nos	8.00	Work done upto the Billed Quantity and the Quality is Satisfactory
185	Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire)	Nos	8.00	Work done upto the Billed Quantity and the Quality is Satisfactory
186	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or concealed system of wiring. I Group A 1 sqmm	M	100.00	Work done upto the Billed Quantity and the Quality is Satisfactory
187	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed	M	80.00	Work done upto the Billed Quantity and the Quality is Satisfactory
188	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed	M	80.00	Work done upto the Billed Quantity and the Quality is Satisfactory
189	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed	M	60.00	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
190	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on	Nos	15.00	Work done upto the Billed Quantity and the Quality is Satisfactory
191	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on	Nos	12.00	Work done upto the Billed Quantity and the Quality is Satisfactory
192	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on	Nos	10.00	Work done upto the Billed Quantity and the Quality is Satisfactory
193	Supply box type suitable for 28W TS single / twin lamp & suspension mounted luminaire and optical reflector. Prewired with HF electronic ballast, push fit type lamp holders and main	Nos	12.00	Work done upto the Billed Quantity and the Quality is Satisfactory
194	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit	Nos	3.00	Work done upto the Billed Quantity and the Quality is Satisfactory
195	LED Drivers suitable for 5700K LED fitting Outdoor Fixtures 240W 5700K suitable for outdoor LED fitting complete as per specifications and directions of the Engineer in charge	Nos	4.00	Work done upto the Billed Quantity and the Quality is Satisfactory
196	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F.Screws. complete as per specifications and	Sqcm	200.00	Work done upto the Billed Quantity and the Quality is Satisfactory
197	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and	Nos	8.00	Work done upto the Billed Quantity and the Quality is Satisfactory
198	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in	Nos	8.00	Work done upto the Billed Quantity and the Quality is Satisfactory
199	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in	Nos	4.00	Work done upto the Billed Quantity and the Quality is Satisfactory
200	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in	Nos	5.00	Work done upto the Billed Quantity and the Quality is Satisfactory
201	Fixing a Ceiling/Wall mounting fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose,	Nos	4.00	Work done upto the Billed Quantity and the Quality is Satisfactory
202	Supplying and fixing Moulded Cases Cicuit Breaker (MCCB) over the existing wood/panel/ board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short	Nos	2.00	Work done upto the Billed Quantity and the Quality is Satisfactory
203	Supplying and fixing Moulded Cases Cicuit Breaker (MCCB) over the existing wood/panel/ board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short	Nos	1.00	Work done upto the Billed Quantity and the Quality is Satisfactory
204	Supplying, fixing wiring earth electrode for gounding conduits, H.C.Cutouts and other equipments on the meter board using 40mm dia 2.50 thick GI 2.5 mtr long buried in a pit... the pit	Nos	2.00	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
205	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated, extruded inner sheathed, galvanised, steel strip (except 2Cx 10Sq.mm wire armoured) Confirming to IS-	M	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
206	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required. I In existing trench /duct. complete as per specifications.and	M	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
208	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and	Nos	1.00	Work done upto the Billed Quantity and the Quality is Satisfactory
209	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc.complete as per specifications.and directions of the Engineer	Nos	6.00	Work done upto the Billed Quantity and the Quality is Satisfactory
210	Supplying and fixing regular MCB distribution boards on well /wood board /flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB`s single	Nos	2.00	Work done upto the Billed Quantity and the Quality is Satisfactory
211	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete complete as per specifications.and directions of the Engineer in	Nos	3.00	Work done upto the Billed Quantity and the Quality is Satisfactory
212	Supplying and drawing UTP-CAT 6E LAN cable omplete as per specifications.and directions of the Engineer in charge	M	10.00	Work done upto the Billed Quantity and the Quality is Satisfactory
213	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable omplete as per specifications.and directions of the Engineer in charge 2 pairs	M	15.00	Work done upto the Billed Quantity and the Quality is Satisfactory
214	Meter and panel board : Supply and delivery of meter and panel boarc unit one number of MS box of size 300 x 120 mm size fabricated out of 2 mm thick sheet metal with sealable door	Nos	1.00	Work done upto the Billed Quantity and the Quality is Satisfactory
215	Earthing: supplying and fixing and wiring earth electrode for grounding circuits IC cut outs and other equipment on the meter board in the pit the pits should be filled in with a equal	Nos	1.00	Work done upto the Billed Quantity and the Quality is Satisfactory
216	Providing & Installing Pumping Machinery1.50 HP 10.00 Stage with accessiories.(P.XLII /Sl.No.9 PW,P & IWTD, BENGALURU CIRCLE-SR 2018-19)	Nos	1.00	Work done upto the Billed Quantity and the Quality is Satisfactory

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ಬ.ಜ.ಪಂ ಬೆಂಗಳೂರು-560

With respect to the above subject & name of the work, we have inspected the work and the Quality and Quantity of above mentioned items of the work was found to be completed satisfactorily for the 1st and Part bill

Thanking you,

With Regards,

For Newzen Consultants Bangalore

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